

CLAIMS

1. A method for providing a password, said method comprising:

receiving a registration, wherein said registration includes an identifier identifying a mobile terminal; and

transmitting information to the mobile terminal, the password being a function of the information.

2. The method of claim 1, wherein the identifier comprises a phone number.

3. The method of claim 1, wherein the identifier comprises a MAC address.

4. The method of claim 1, wherein the information comprises a seed.

5. The method of claim 4, wherein the seed is a function of time.

6. The method of claim 1, wherein transmitting the information to the mobile terminal comprises:

placing an outgoing phone call to the mobile terminal.

7. The method of claim 1, further comprising:

generating time varying passwords based on the information;

receiving a request for access and a provided password; and

selectively granting access based on whether the provided password matches a particular one of the time varying passwords.

8. A mobile terminal comprising:

a transceiver for receiving a seed;

a pseudo-random number generator for generating pseudo-random numbers at regular time intervals based on the seed;

a controller for providing the seed to the pseudo-random number generator; and

an output for providing passwords based on the pseudo-random numbers at regular time intervals.

9. The mobile terminal of claim 8, wherein the output comprises a screen.

10. The mobile terminal of claim 8, wherein the output comprises an interface port.

11. The mobile terminal of claim 8, wherein the passwords are the pseudo-random numbers.

12. The mobile terminal of claim 8, further comprising:

memory for storing a plurality of instructions executable by the controller, said plurality of instructions for:

receiving a command and a seed; and

loading the seed into the pseudo-random number generator after receiving the command.

13. The mobile terminal of claim 12, wherein the plurality of instructions are also for receiving a synchronization time and wherein loading the seed into the pseudo-random number generator after receiving the command further comprises loading the seed into the pseudo-random number generator at the synchronization time.

14. The mobile terminal of claim 13, wherein the command and seed are received over a paging channel.

15. The mobile terminal of claim 14, wherein the paging channel is a secure paging channel.

16. The mobile terminal of claim 13, wherein the command and seed are received during a phone call.

17. A communication system comprising:

a first node for receiving a seed; and

a second node for transmitting the seed and a command to load the seed into a pseudo-random number generator, to a predetermined mobile terminal over a paging channel.

18. The communication system of claim 17, wherein the first node receives a synchronization time and wherein the second node transmits the synchronization time to the mobile terminal over the paging terminal.

19. The communication system of claim 17, wherein the first node comprises a mobile switching center.

20. The communication system of claim 17, wherein the second node comprises a base transceiver station.

21. The communication system of claim 17, wherein the second node receives an acknowledgement from the mobile terminal.

22. The communication system of claim 21, wherein the first node receives the seed from a source and transmits the acknowledgement to the source.

23. The communication system of claim 17, wherein the communication channel between the first node and the second node is made secured using Public Key Cryptography technique.